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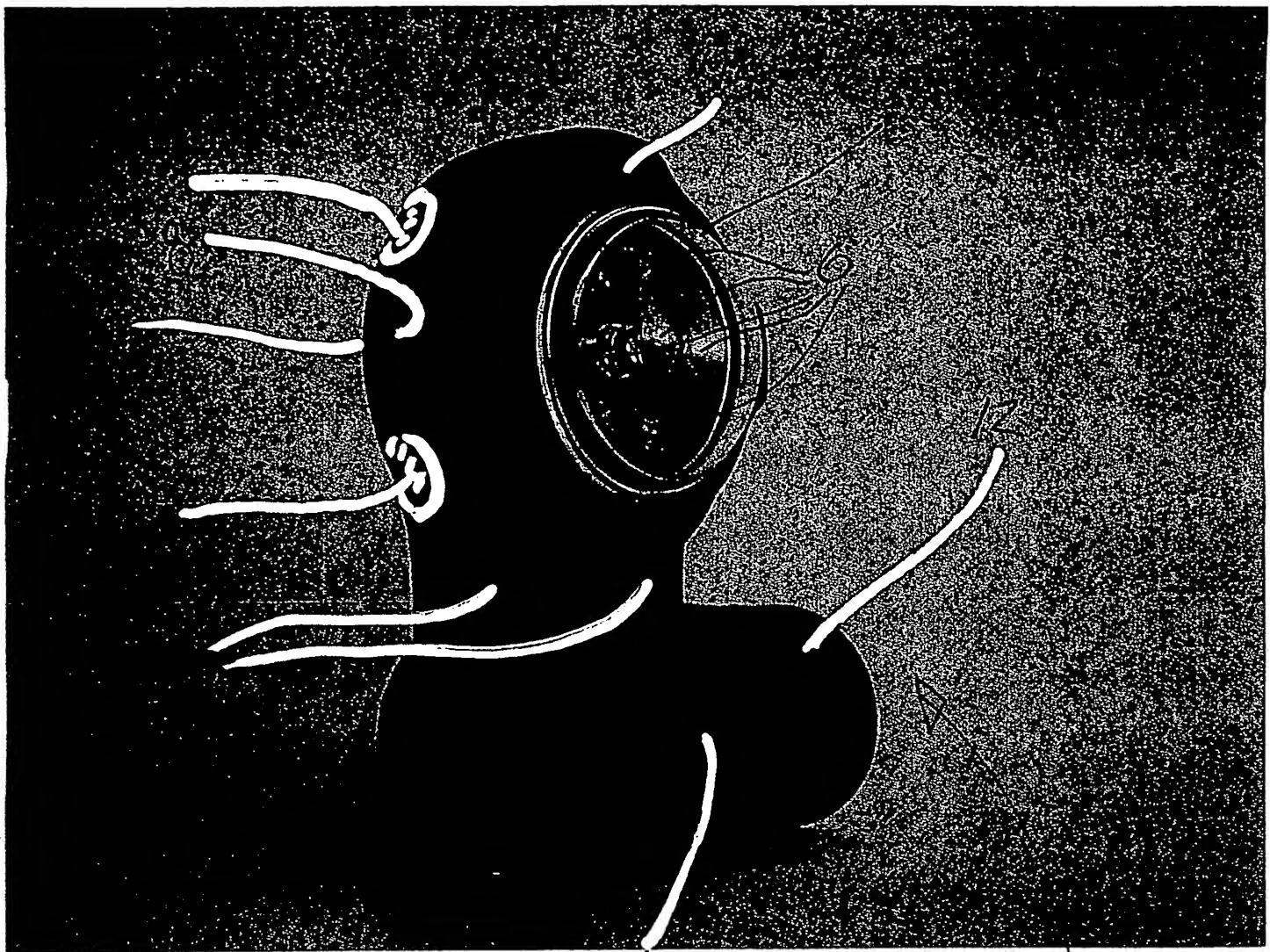
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FIGURE 1

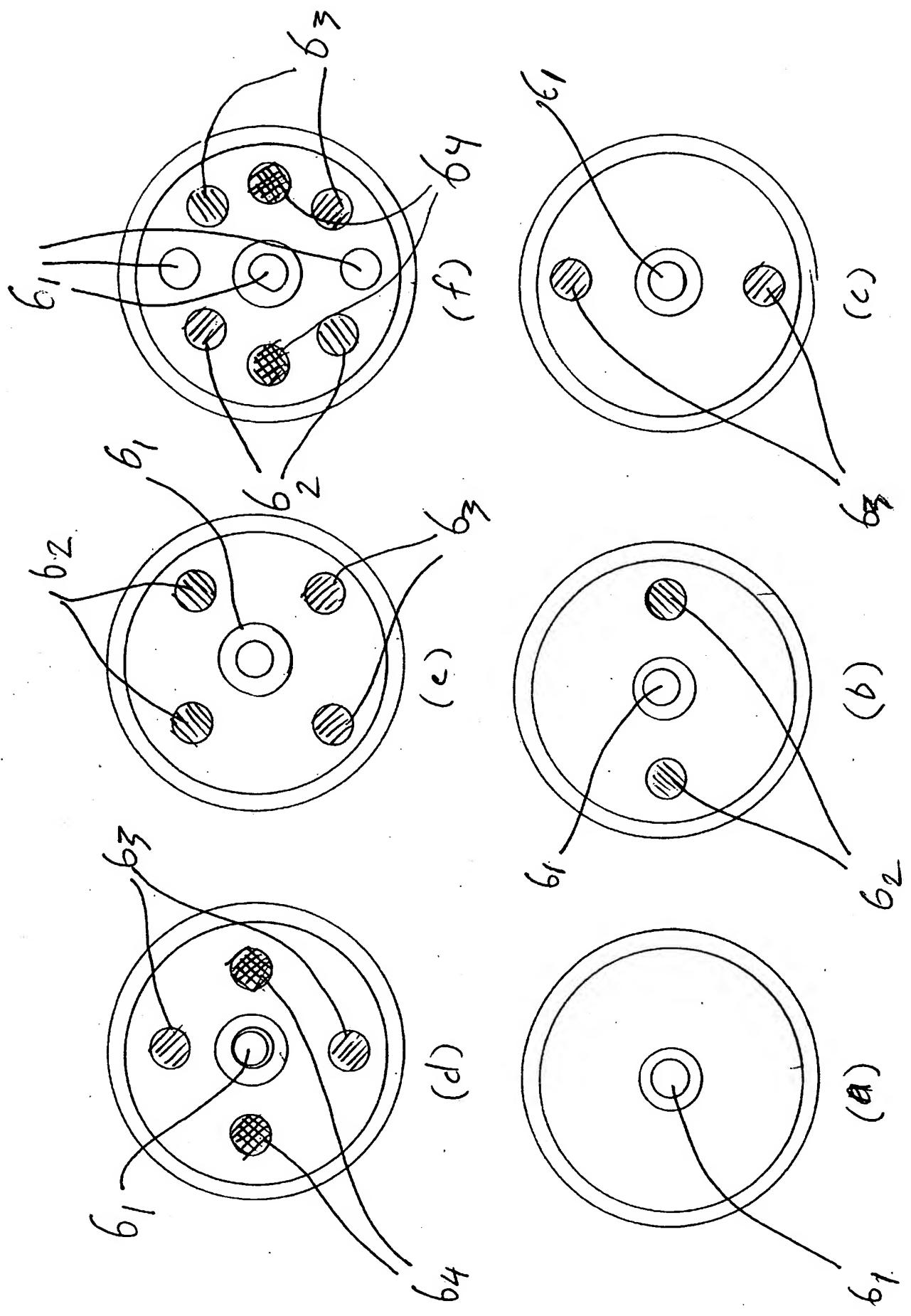


Figure 2

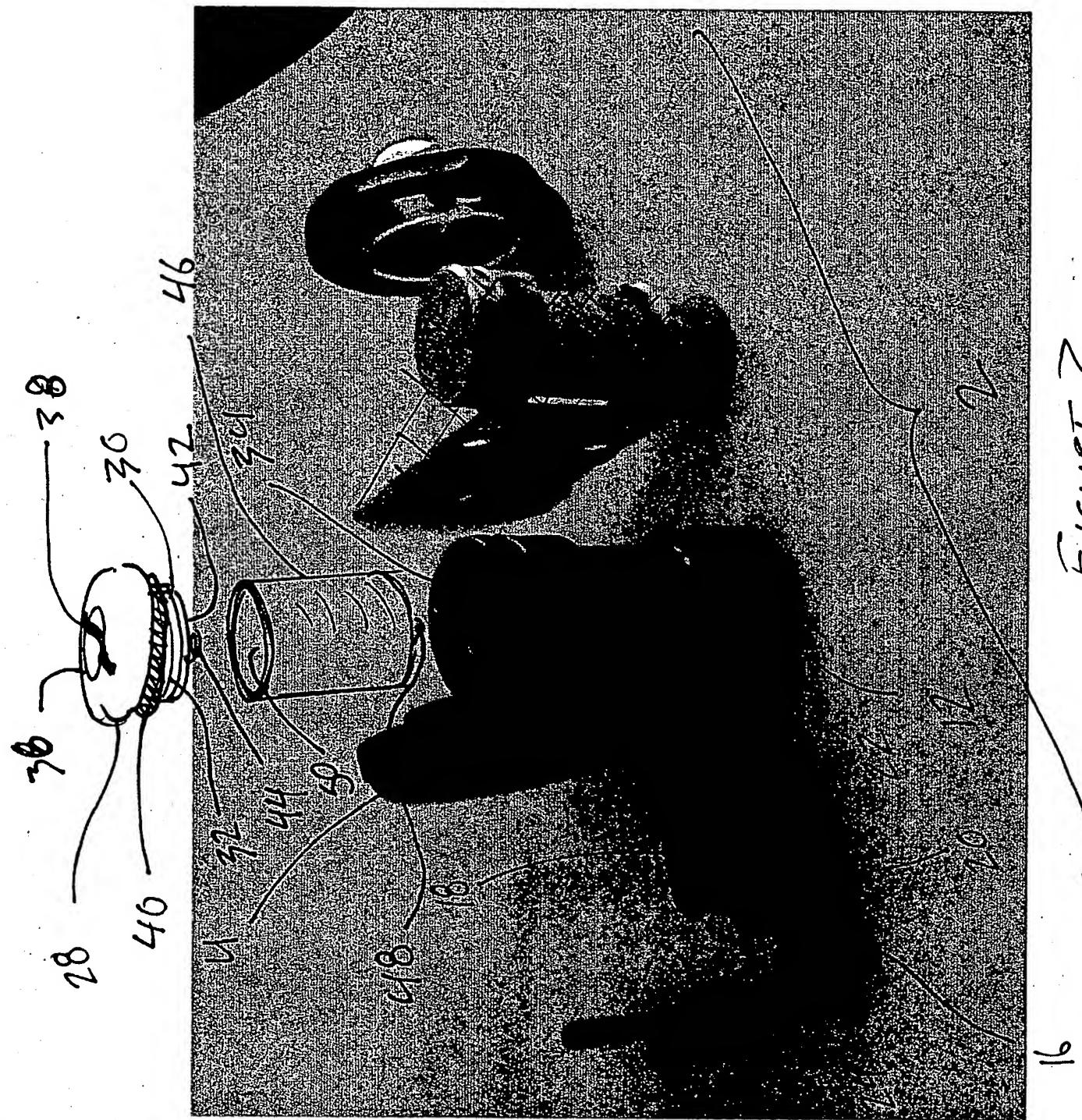


Figure 3

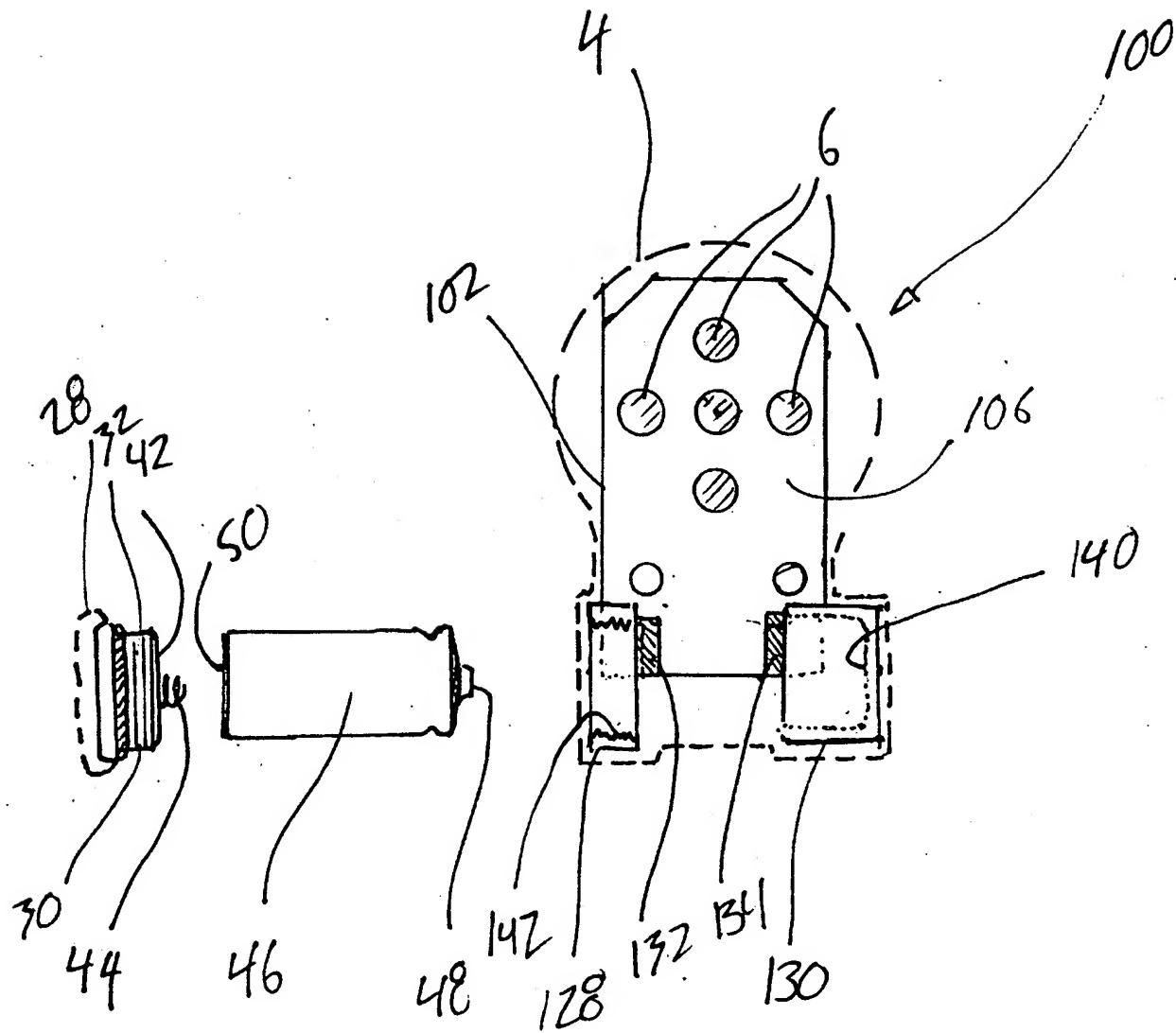


FIGURE 4A

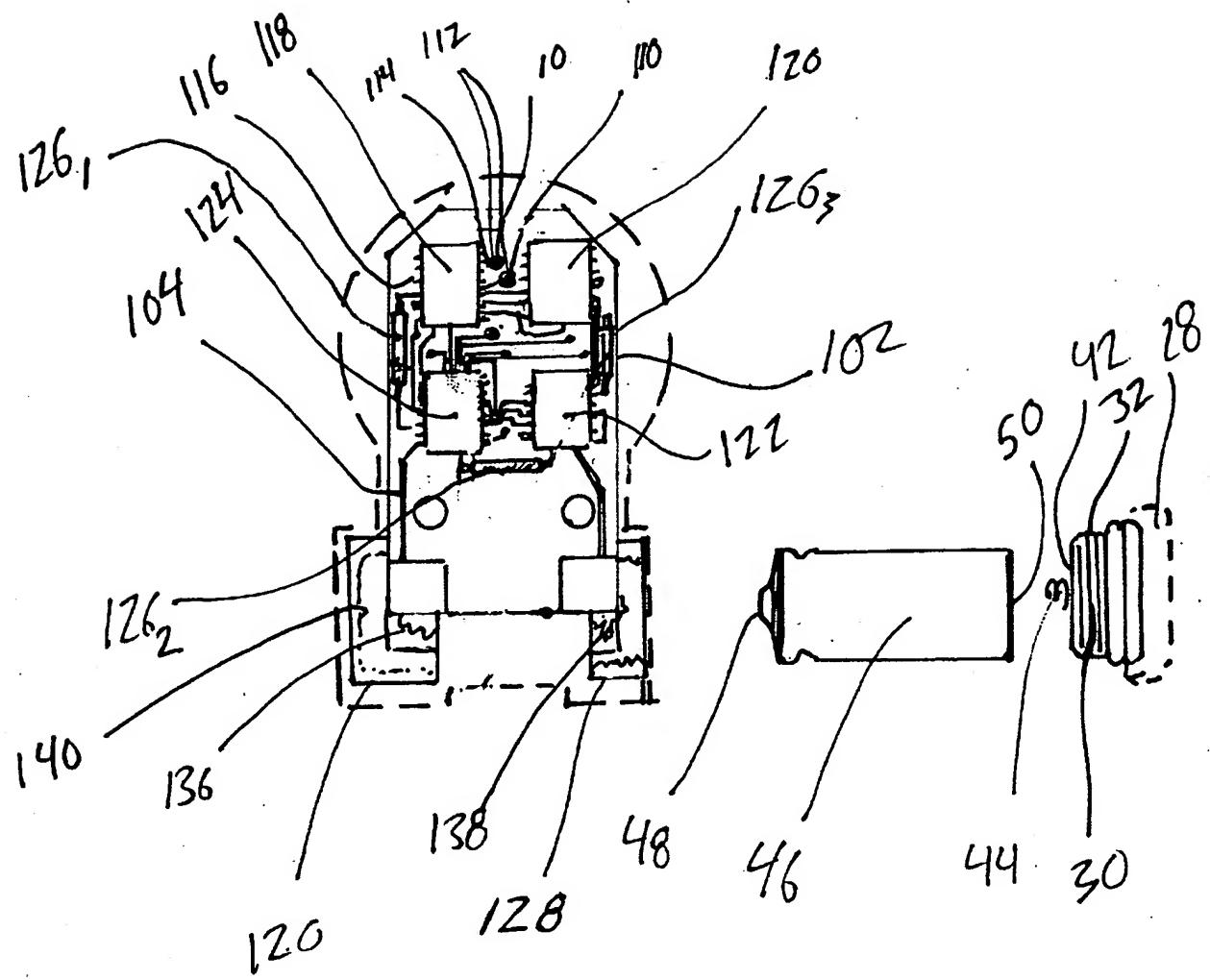
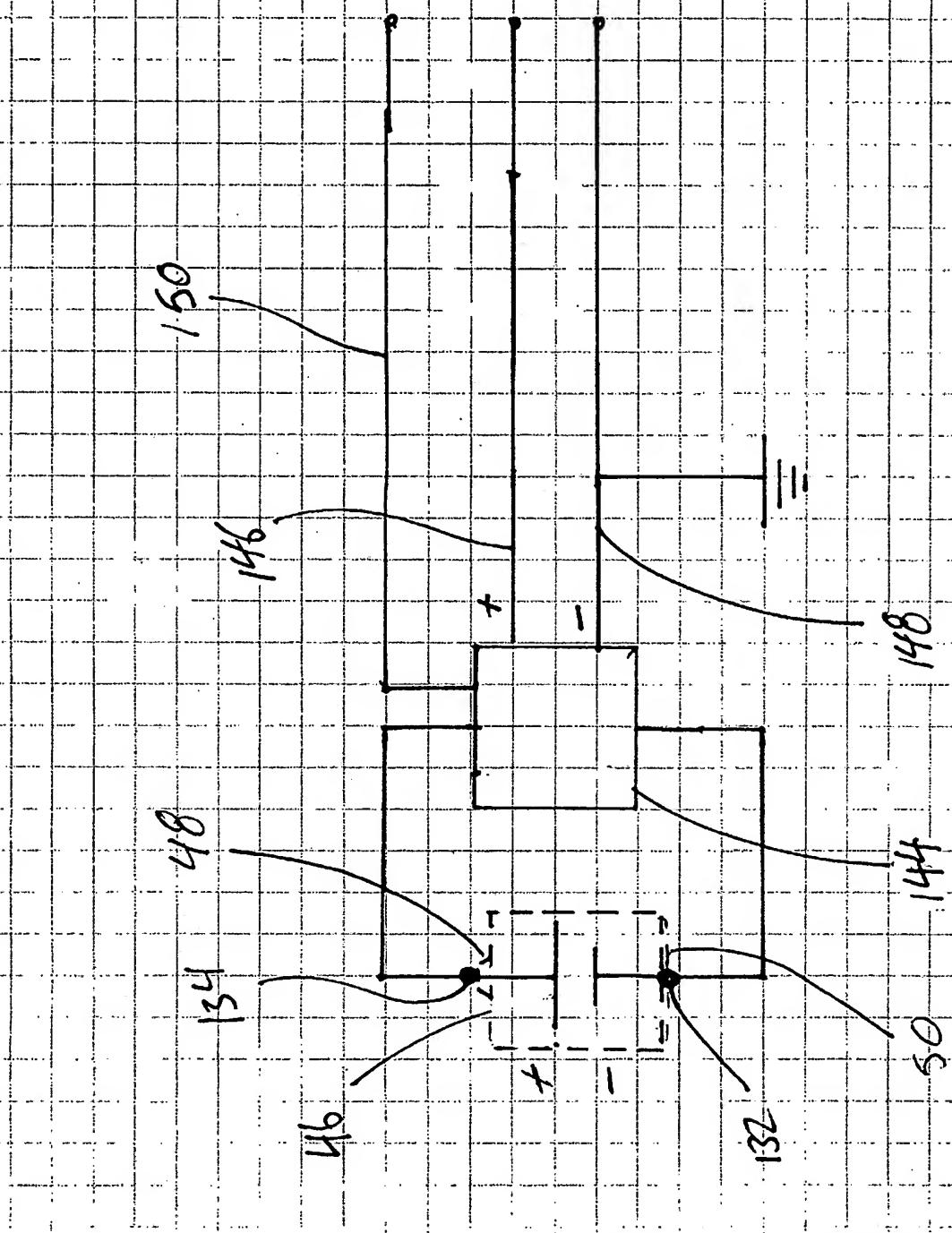


FIGURE 46

Figure 5a



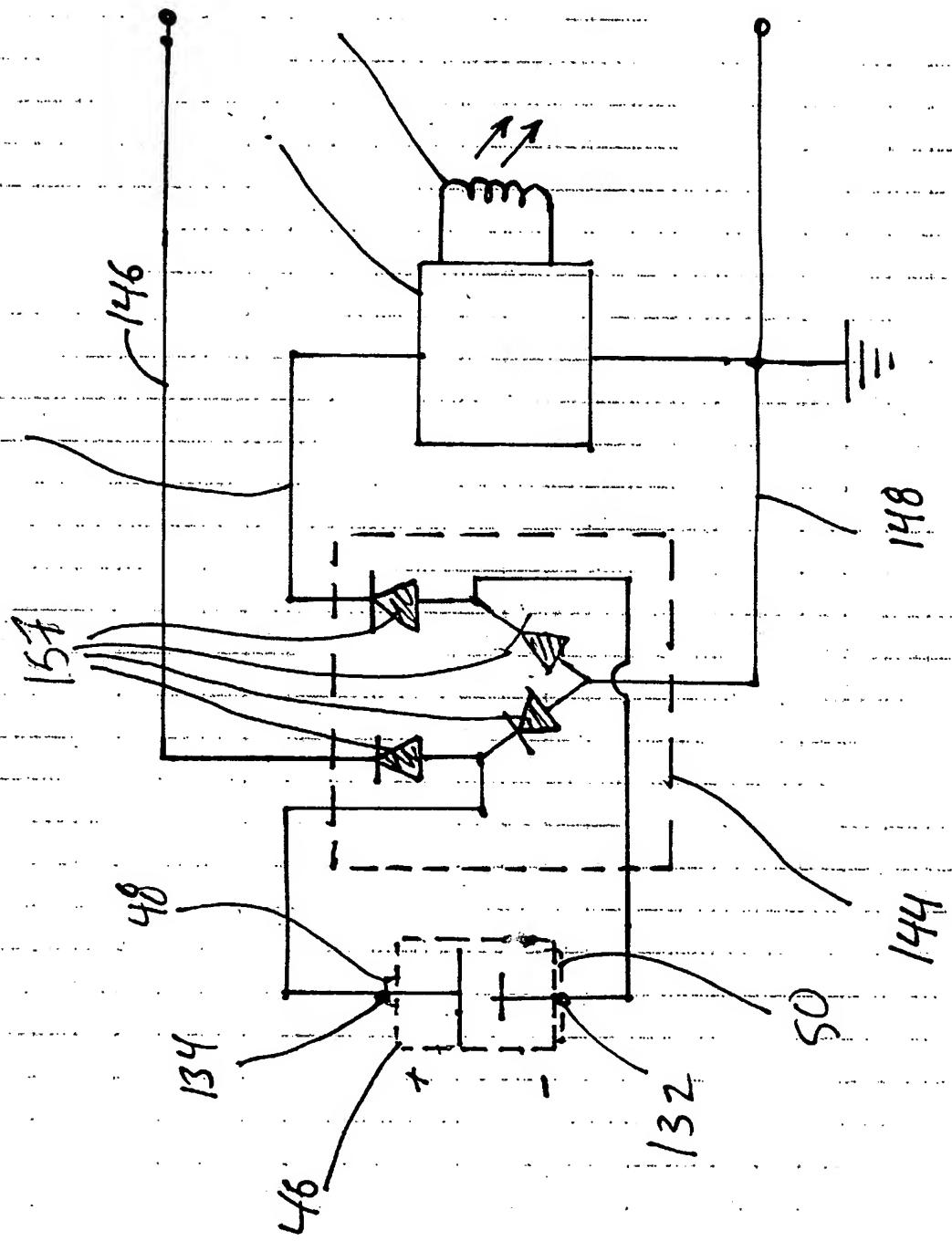


Figure 56

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ROM

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EEPROM

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CP64

LED

DRIVER

LED

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SWITCH MATRIX

EXTERNAL INTERFACE

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FIGURE 6.

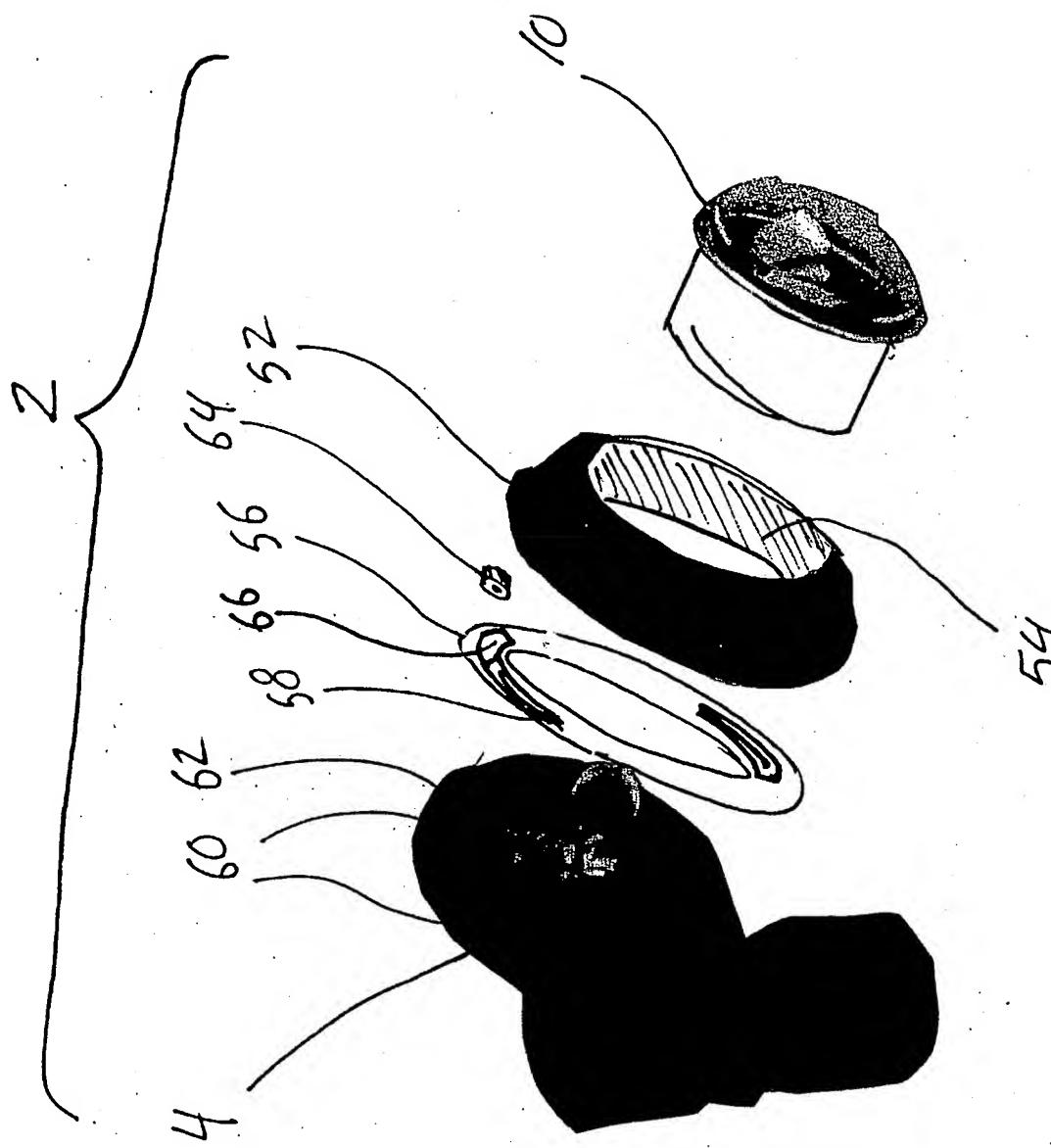


FIGURE 7

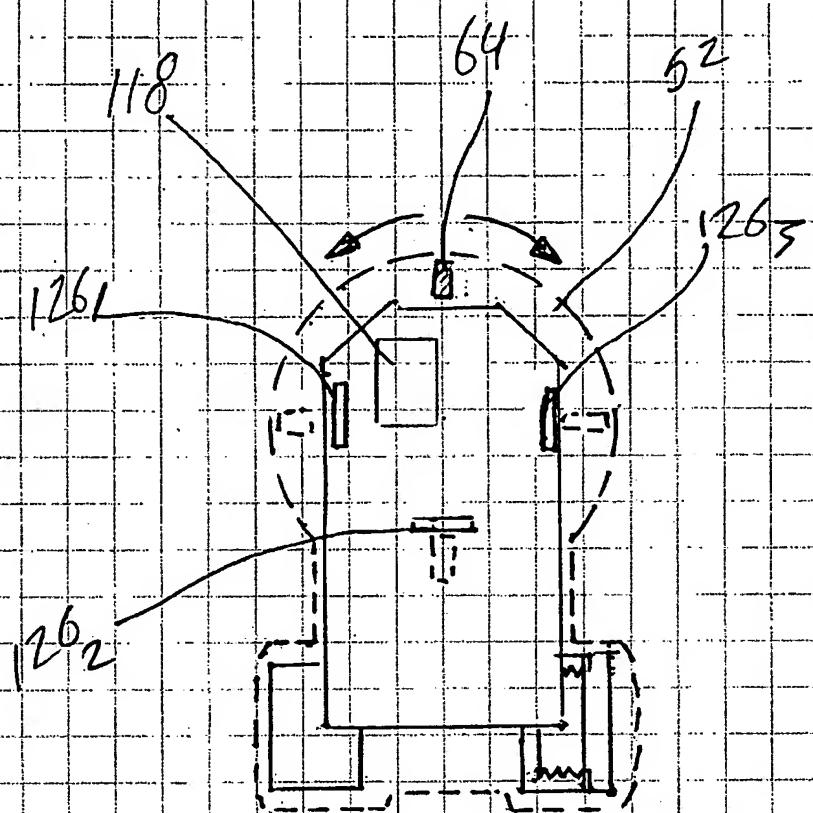


FIGURE 8a

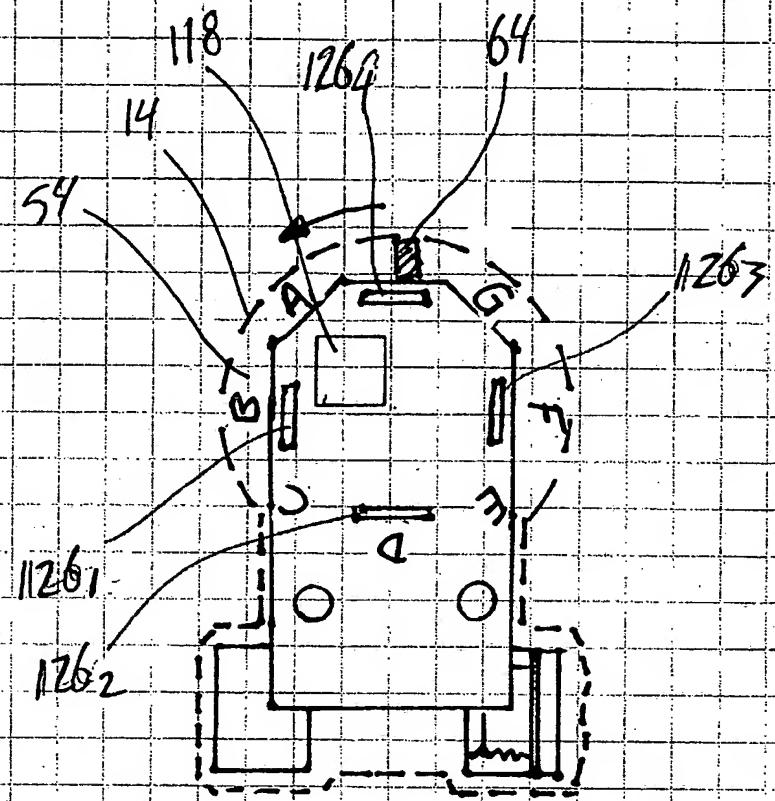


FIGURE 8B

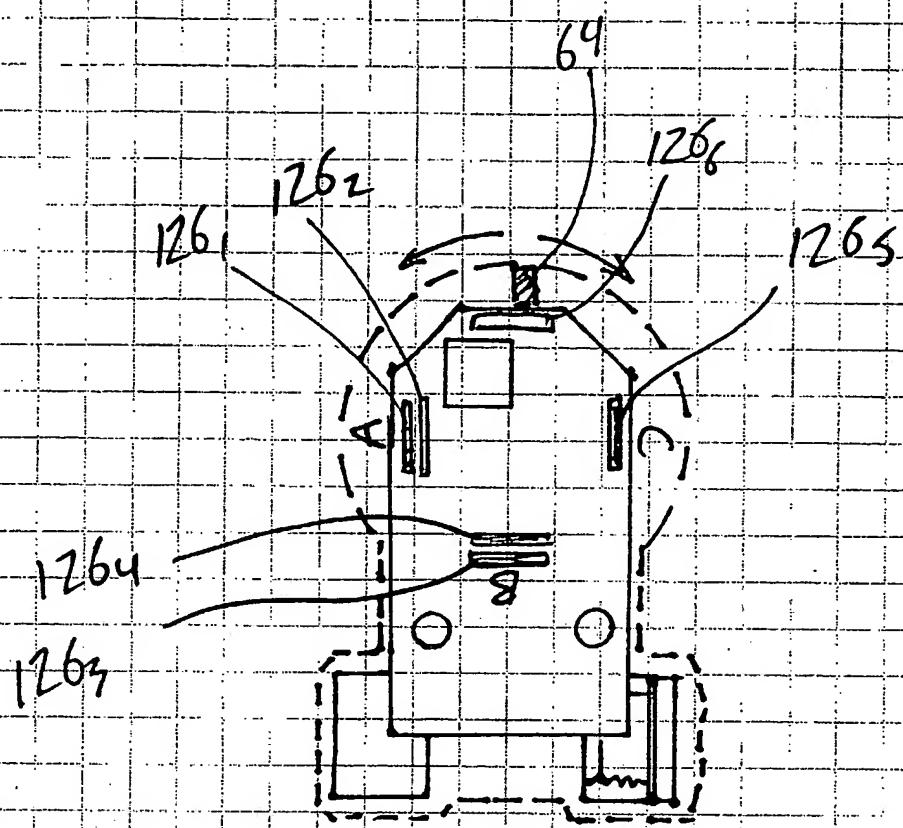


FIGURE 8C

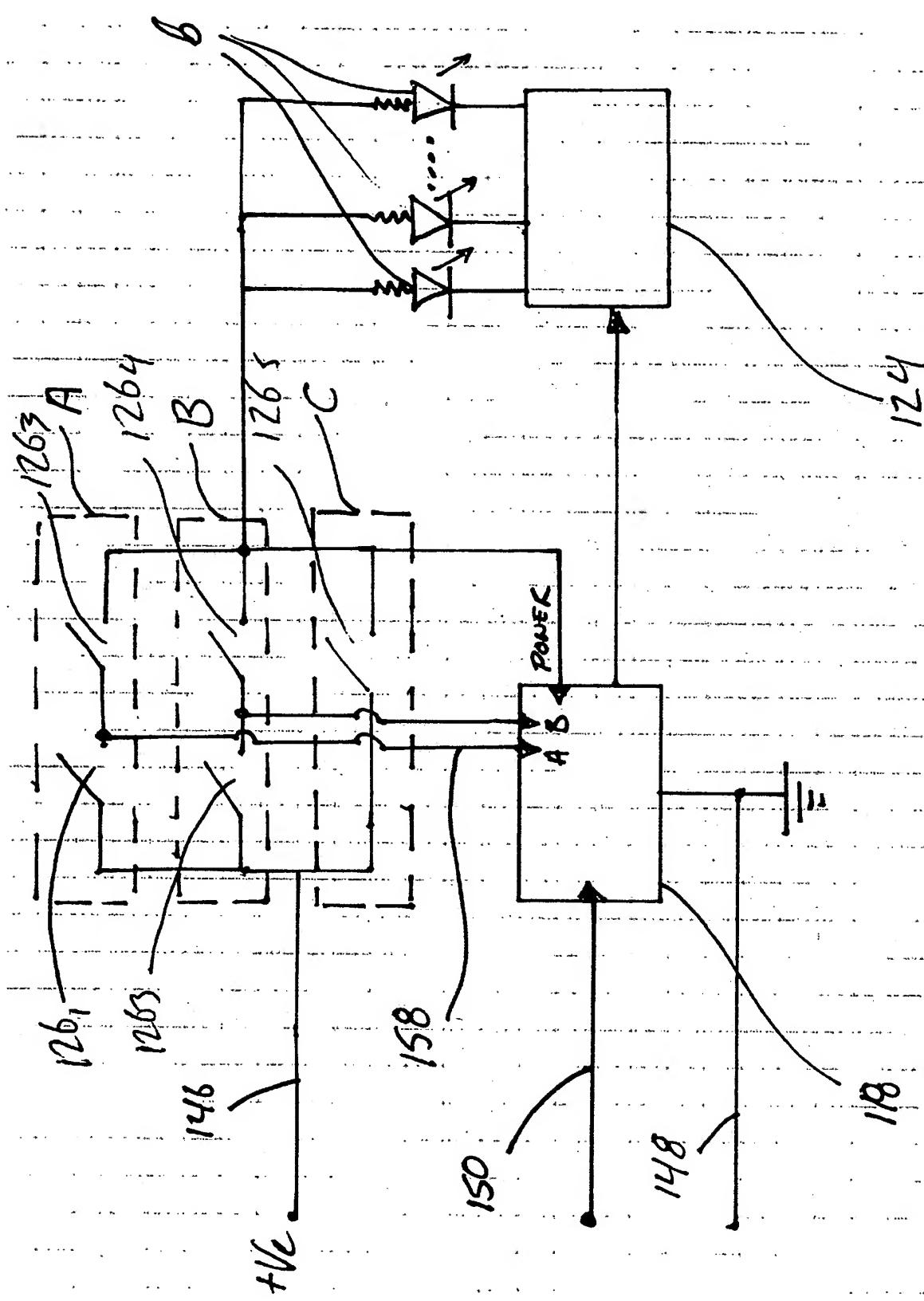


Figure 8d

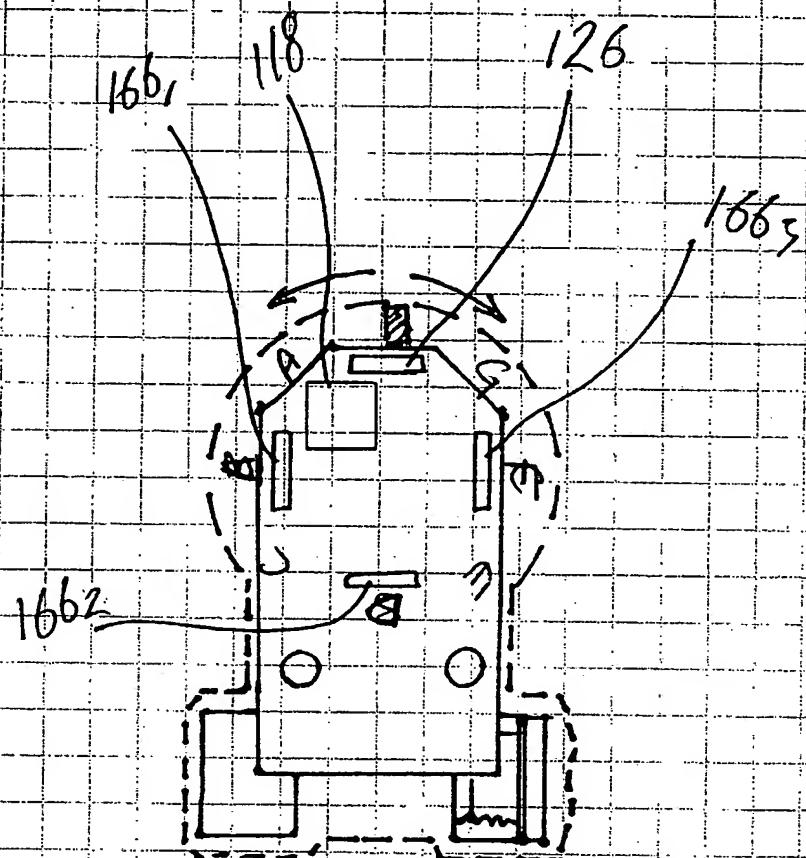


FIGURE 8e

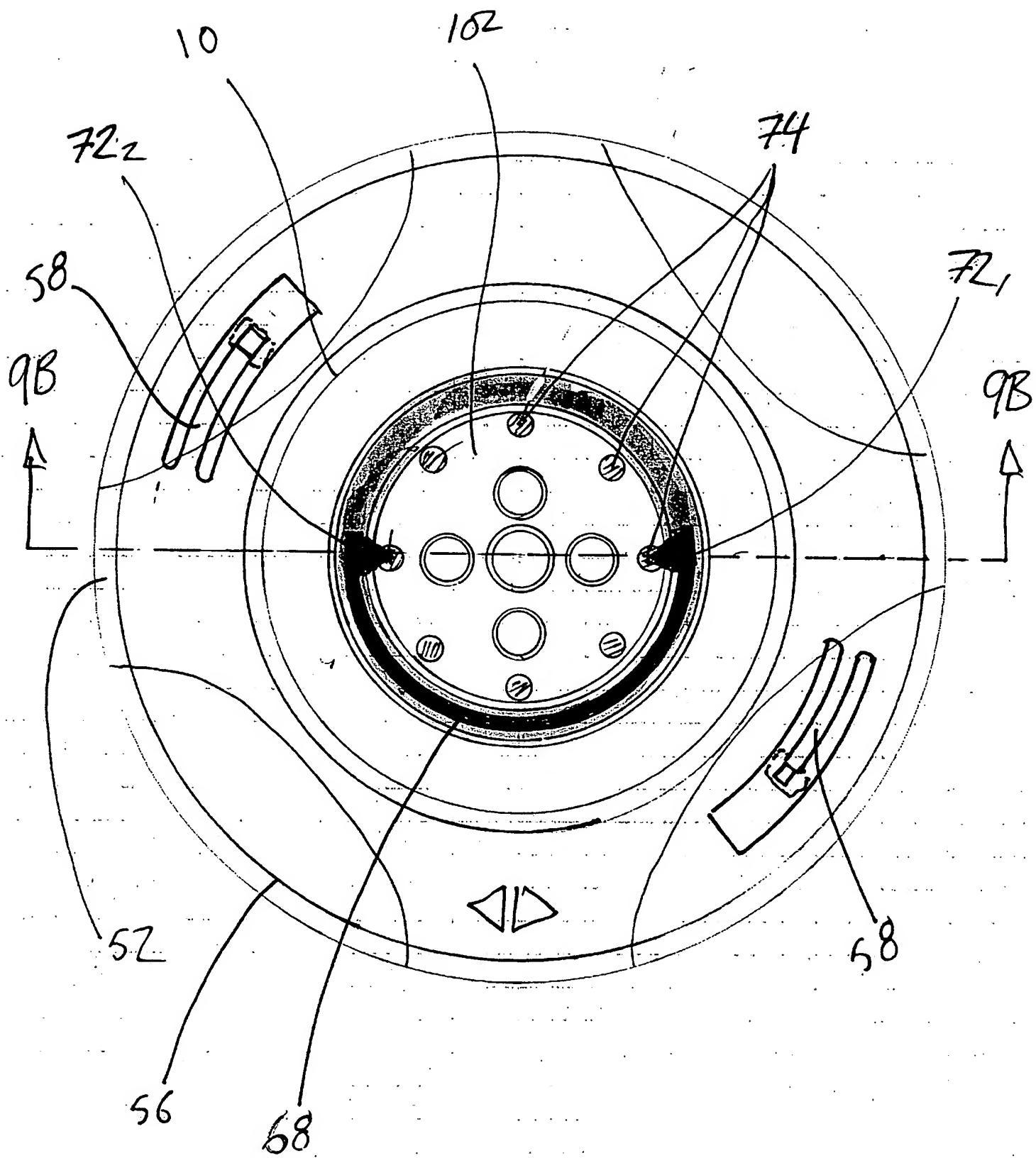


FIGURE 9B

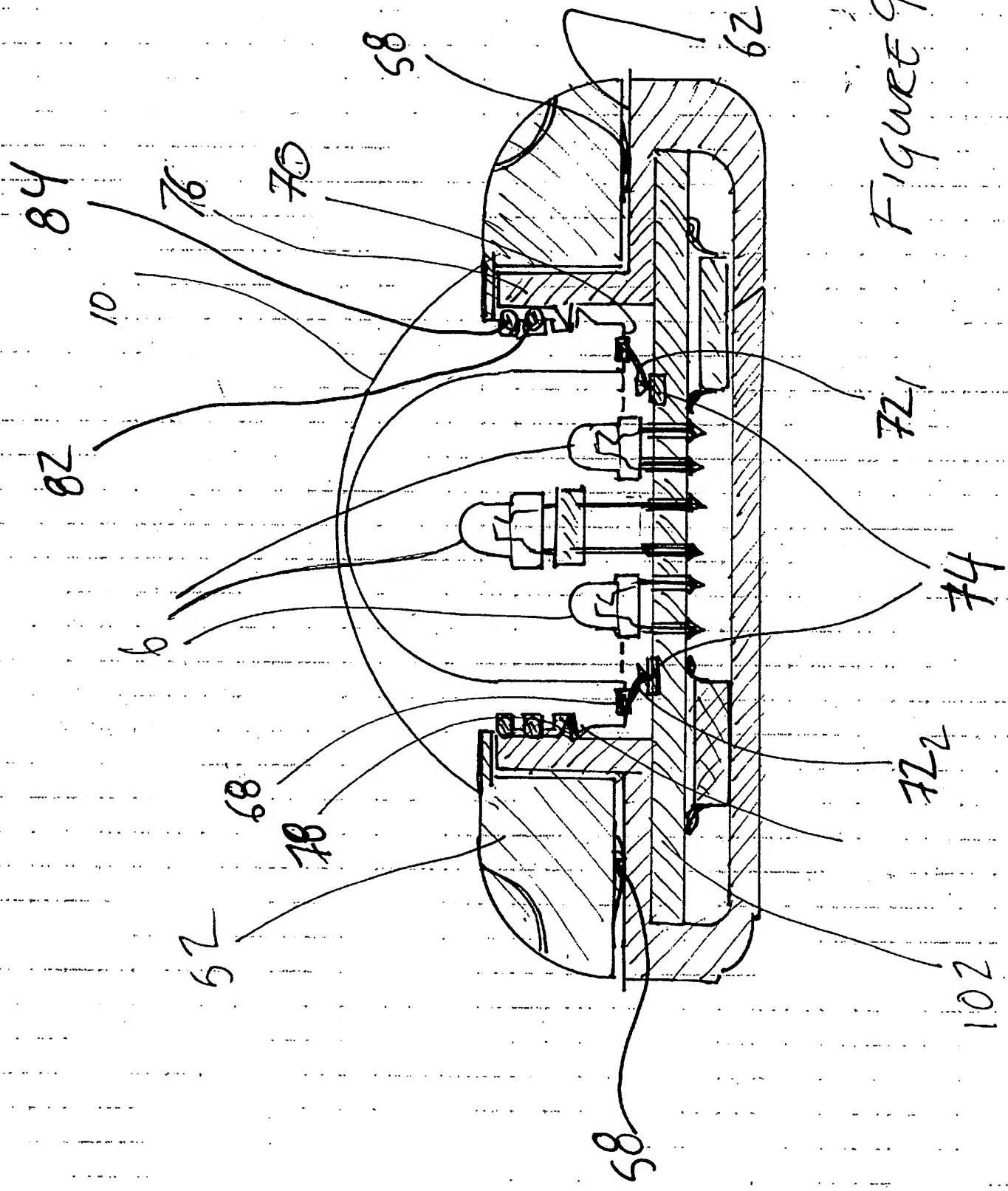


Figure 9B